EXHIBIT A

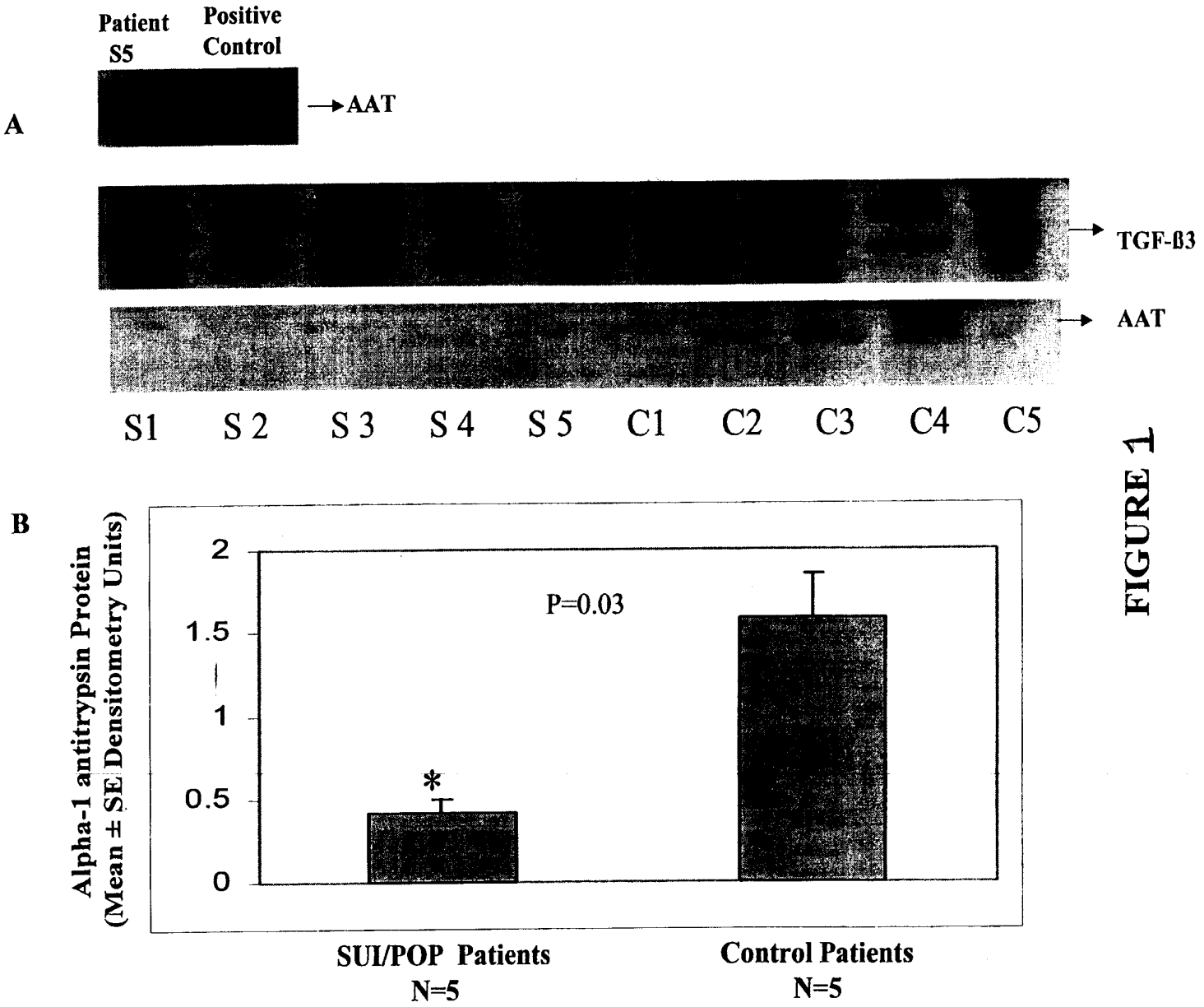
A
Patient S5
Positive Control
AAT
TGF-ß3
AAT
S1
S 2
S 3
S 4
S 5
C1
C2
C3
C4
C5
B
Alpha-1 antitrypsin Protein (Mean ± SE Densitometry Units)
2
1.5
1
0.5
0
P=0.03
*
SUI/POP Patients N=5
Control Patients N=5

FIGURE 1

EXHIBIT B

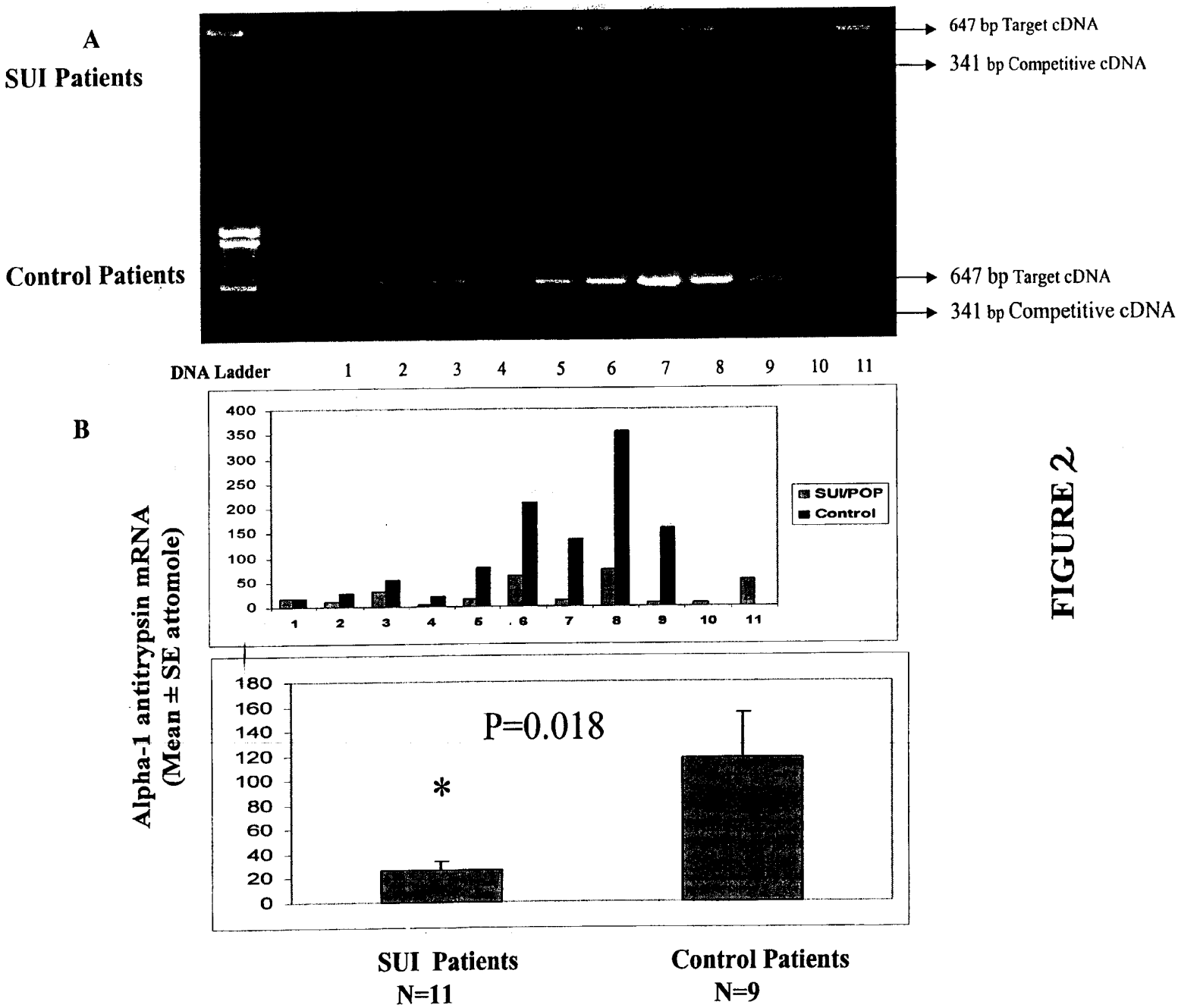
A
SUI Patients
Control Patients
647 bp Target cDNA
341 bp Competitive cDNA
647 bp Target cDNA
341 bp Competitive cDNA
DNA Ladder
1
2
3
4
5
6
7
8
9
10
11
B
Alpha-1 antitrypsin mRNA
(Mean ± SE attomole)
SUI/POP
Control
P=0.018
*
SUI Patients
N=11
Control Patients
N=9

FIGURE 2